

From: Cynthia Caporale/ESC/R3/USEPA/US
Sent: 1/28/2012 9:01:13 AM
To: Richard Rupert/R3/USEPA/US
CC: CherylA Hawkins/ERT/R2/USEPA/US@EPA; Gary Newhart/CI/USEPA/US@EPA; Richard Fetzer/R3/USEPA/US@EPA; Stevie Wilding/ESC/R3/USEPA/US; Sue Warner/ESC/R3/USEPA/US@EPA
Subject: Re: blank contamination

Rich,

Preliminary results are indicating possible blank contamination. Both FB-01 and FB-02 analytical runs indicated the presence of chlorinated compounds (methylene chloride, chloroform, trichloroethene (TCE)). To check the blank water used for QC we need 2 VOA vials with just the blank water and one vial that contains the preservative without water (we would add lab blank water). The amount of preservative should be the same as used for samples and blanks. Internal lab blanks were clean. Yesterday I thought Stevie said the one sample (HW sample) did not have these compounds present but I would need to confirm that on Monday.

Cindy

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

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Cc: CherylA Hawkins/ERT/R2/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US, Gary Newhart/CI/USEPA/US@EPA
Date: 01/28/2012 08:30 AM
Subject: blank contamination

Cindy,

I just want to be sure I understood what you told me yesterday since the connection was not all that great..

Stevie indicated that she believes our blanks are contaminated with contaminants typical of tap water such as disinfection by-product and did I also hear PCE also? Stevie would like us to send VOAs filled only with our blank water and VOAs with only preservative since the source of the contamination maybe the acid.

Questions.

- 1.How many VOAs with blank water would you like?
- 2.How much preservative would you like?
- 3.How many sample blanks seem to be affected?

I spoke with our sample team and they told me we are using DI water. I have asked them to identify the source/supplier of this DI water. At this point I am not sure where the preservative is coming from. I am also unsure how the preservative is delivered: is it already in each VOA or is it supplied in bulk. Maybe Cheryl or Gary can answer this question.

thanks
Rich

Richard Rupert
On-Scene Coordinator
U.S.EPA

1650 Arch Street - 3HS31
Philadelphia, PA 19103
(215) 814-3463 - office
215 514 8773 - MOBILE
rupert.richard@epa.gov